



King County

ENGINEERING TECHNICIAN II DEPARTMENT OF TRANSPORTATION/ROAD SERVICES DIVISION ENGINEERING SERVICES SECTION/SURVEY UNIT

Hourly Rate Range: \$19.0750 - \$24.1786 (2003 rates)

Job Announcement No.: 03MD3487

OPEN: 7/7/03 CLOSE: 7/18/03

WHO MAY APPLY: This position is open concurrently to King County internal candidates and the general public. Preference will be given to King County internal candidates.

WHERE TO APPLY: Required forms and materials **must** be sent to: **Engineering Services Section, Attn: Susan Ziegman, 201 S Jackson St. MS KSC-TR-0231, Seattle, WA 98104-3856.** Application materials must be received by **4:00 p.m.** on the closing date. **PLEASE NOTE: Applications not received at the location specified above may not be processed. Email applications and postmarks are NOT ACCEPTED.**

FORMS AND MATERIALS REQUIRED: (1) [King County Application](#) (2) **Resume** and (3) **Cover Letter** detailing your background and describing how you meet or exceed the **Required Qualifications - Knowledge, Skills, and Abilities.**

WORK LOCATION: 155 Monroe Ave NE Bldg C, Renton, WA 98056

WORK SCHEDULE: This full-time position is overtime eligible. It works a 40-hour workweek; Monday through Friday.

PRIMARY JOB DUTIES INCLUDE: The Engineering Technician II position is responsible for performing fundamental survey functions in an office and/or field environment for the Survey Unit on construction, topographic, boundary, GPS and geodetic surveys as assigned. Duties include:

1. Set-up and operate survey-related equipment including total stations, automatic levels, and GPS receivers.
2. Perform heavy labor tasks such as loading and unloading of equipment and supplies, digging holes, setting monuments and cases, cutting brush and/or trees, pounding wooden hubs and rebar into the ground or pavement.
3. Completion of required forms or reports and maintain proper field notes.
4. Perform basic survey tasks as assigned within established guidelines and procedures with or without direct supervision.
5. Operate computers, calculators, plotters, copiers and other office machines as needed.
6. Perform other duties as directed or assigned.

REQUIRED QUALIFICATIONS - KNOWLEDGE, SKILLS AND ABILITIES:

- Two years survey work experience or an equivalent combination of survey work experience with survey technology coursework.
- Knowledge of computer systems using work related software including Microsoft Word, Excel and Access.
- Knowledge of the survey techniques, principles and equipment.
- Knowledge of the fundamentals of CAD systems.
- Skill in operating survey instruments; GPS equipment, total stations, computer, level, rod, measuring tape and chains, tripods, tribrachs, prisms, handlevel, right-angle prism, compass.

- Skill in rapidly setting up & leveling survey equipment; writing neatly in field notes and on stakes and paint on pavement.
- Skill in driving hubs, rebar, spikes, and nails with hammer, maul or bar; cutting brush with machete, brush cutter or chainsaw, using jackhammer, roto-hammer, and drill.
- Skill in verbal and written communication.
- Skill in mathematical calculations.
- Ability to read and interpret engineering plans, and survey mapping.
- Ability to check and adjust survey instruments.
- Ability to accurately layout horizontal and vertical control.
- Ability to operate computer aided drafting software relative to surveying and mapping programs such as AutoCAD, Land Development Desktop, or Eagle Point.
- Ability to work in team environment.

Work Conditions:

- Work performed in the field for extended periods of time may be performed under unfavorable weather conditions.
- Works outdoors, which may require walking on uneven, rocky -or rough ground, or working in inclement weather.
- Required to sit, talk, listen and hear; frequently required to use hands to finger, feel or handle writing utensils, computer and office supplies which require repetitive arm, wrist and hand movement.
- Occasionally required to stand and reach with arms and hands. Specific vision abilities include close, distant, color, and physical activity including but not limited to lifting up to 40 lbs at least waist height; carrying and moving objects.

NECESSARY SPECIAL REQUIREMENTS: Valid Washington State Driver's License or the ability to travel throughout the County in a timely manner, including remote locations with limited or no public transportation services. An offer of employment will be contingent on the success of a pre-employment physical examination.

UNION MEMBERSHIP: Positions in this classification are represented by I.F.P.T.E., Local 17.

CLASS CODE: 8513

SEQUENCE NUMBERS: 0562